

Protein Concentration in Heart and Liver of
AEM Control, Flight and Hindlimb-suspended Animals

Group	Protein (mg/mg tissue)	
	Heart	Liver
AEM Control	0.163 ± 0.007^a	0.174 ± 0.007
Flight	0.162 ± 0.008^a	0.165 ± 0.006
Suspended	0.196 ± 0.005	0.180 ± 0.006

^ap <0.05 versus suspended by ANOVA with Bonferroni correction

AEM control animals were housed in the Animal Enclosure Module at the University of Arizona animal facility under the same temperature conditions, light-dark cycle, and duration as flight animals (Tischler et al J. Appl. Physiol. 74:2161, 1993). Flight animals were randomly assigned and loaded into their AEM at 2300 h EDT, September 11, 1991 (launch-21h). The final flight values were determined, between 2h 8 min and 3h 22 min after landing. Suspended animals were selected from the same shipment as the AEM control group. Samples were prepared for protein analysis (Tischler et al J. Appl. Physiol. 74:2161, 1993) by the Lowry procedure (Lowry et al J. Biol. Chem. 193:265, 1951).